

## PATENT ABSTRACTS OF JAPAN

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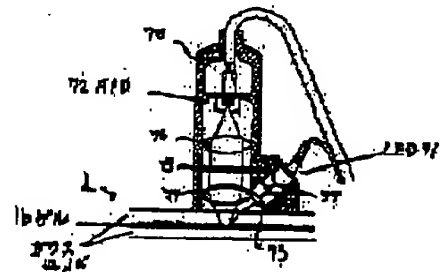
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## (54) APPARATUS FOR DETERMINING BASE SEQUENCE

(57)Abstract:

PURPOSE: To provide a base-sequence determining apparatus, which has a long life and is equipped with a light source able to be made compact.

CONSTITUTION: The light emitted from an LED (light emitting diode) 71 is cast on a DNA piece marked with a fluorescent substance through an interference filter 17 and a condenser lens 73. Thus, the fluorescence is made to emit. The fluorescence emitted from the DNA piece labeled with the fluorescent substance is condensed with an eyepiece 74, and the parallel light is formed. Then, the light passes the interference filter, a color filter 75 and a condenser lens 6 and enters an APD (avalanche photodiode) 72, and the fluorescence is detected.



## LEGAL STATUS

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